

Rainfall Event Logger

(Tipping bucket Type)

This data logger (Model: Rainlog) connects to most standard tipping-bucket rain gauges and records rainfall rates, times, and duration as well as momentary contact events and temperature. Because event data is stored when it happens, memory is efficiently used. Data can be viewed in inches or millimeters. Tips are logged with time-stamps to gauge rainfall intensity, and the lockout feature eliminates false readings from tipping-bucket bounce. One year capacity – both logger and battery supply. One minute time/date stamp resolution. Flash memory. USB connectivity. Windows® software included.

Features & Specifications:

- Small size for installing anywhere
- Low cost lets you monitor many locations economically
- Internal sensors for easy deployment
- Event type: relay contact closure or rain gauge tips.
- Memory – Flash memory 2 MB
- Operating temperature: -4°F to 158°F (-20°C to 70°C).
- Time accuracy: ±1 minute per month at 77°F (25°C).
- Power: CR-2477N lithium battery.
- Battery life: one year typical use
- Sensor: Tipping Bucket Rain Gauge With Read Switch
- Catch Area: 330 cm² collector
- Data will display in Tabular form in MS-Excel

Specification of Rain Gauge:

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|--------------------------|------------------------------------|
| • Mechanism: | Tipping Bucket Type |
| • Sensing: | Magnet & reed Switch |
| • Resolution: | 0.2mm |
| • Accuracy: | better than ±5% |
| • Operating Temperature: | -4°C to +50°C |
| • Capacity : | Unlimited |
| • Sensitivity: | One Tip (0.2mm rainfall per pulse) |
| • Humidity: | 0 to 100% |

Non-Mandatory Accessories:

- Suitable mounting pole (1.2 meters) available at extra cost to install rain gauge above the ground Level.
- Rain Water Container assembly available at extra cost for automatic collection of rainwater through rain sensor. Capacity of Collection Container is 4 liters.

